



## Substitute for form 1449 A & B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1

	110/02/00 110/0 (/////////////////////////////				
Complete if Known					
Application Number	[case_serial_number]				
Confirmation Number	Not yet assigned				
Filing Date	December 04, 2001				
First Named Inventor	Takayuki MATSUMOTO				
Art Unit	Not yet assigned				
Examiner Name	Not yet assigned				
Attorney Docket Number	Q67090				

U.S. PATENT DOCUMENTS							
Examiner Cite Initials* No.1	Cito	Document Number		Publication Date		-6	
		Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		US					
		US				- g 🔾	
		US				2	
		US					
		US					
		US					
		US					
		US					
		US					

FOREIGN PATENT DOCUMENTS							
Examiner Cite Initials* No. <sup>1</sup>	Foreign Patent Document			Publication Date	Name of Patentee or		
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	e <sup>5</sup> MM-DD-YYYY	Applicant of Cited Document	
BH		JP	11-198529		7/27/99	Iw asaki	Abstract
BH		JP	11-314457		11/16/99		Abstract
BH		JР	3176941		4/6/01	Mando et al. Aihara et al	Abelrat
						·	
		<u> </u>					

Examiner	Cite	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine,	Translation <sup>6</sup>
Initials*	No.1	journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation
вн		Patent Abstract of Japan, 11-198529, 7/27/99	
BH		Patent Abstract of Japan, 11-314457, 11/16/99	
BH		Patent Abstract of Japan, 04-216991, 8/7/92	
	<del> </del>		-
		1 A 4 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	+

	···	
		0
L	1 2 4 2 11 1	\-/4-03
Examiner Signature	Date Considered	
Diameter Digitature	part considered	, · · · ·

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is indicate here if English language Translation is attached.